**Complete if Known**

<b>Application Number</b>	09/844626
<b>Filing Date</b>	4/27/2001
<b>First Named Inventor</b>	BEATY et al.
<b>Art Unit</b>	2877
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	60012US

Sheet	1	of	1
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				<b>Application Number</b>	09/844626
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Filing Date</b>	4/27/2001
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				<b>Examiner Name</b>	
<b>Sheet</b>	1	of	5	<b>Attorney Docket Number</b>	60012US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,039,868	08/13/1991	Kobayashi	FIG. 4, Col. 7, L. 12 etc.
		US-5,455,870	10/03/1995	Sepai	FIG. 1, Col. 6, L. 12 etc.
		US-5,574,801	11/12/1996	Collet-Beillon	FIGS. 4, 8, 9 Col. 7, L. 35
		US-6,005,965	12/21/1999	Tsuda et al.	FIGS. 1-8, Col. 1
		US-5,828,449	10/27/1998	King	FIG. 1
		US-1,894,025	01/10/1933	Dennison et al.	
		US-3,895,446	07/22/1975	Orlov et al.	
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		US-4,213,146	07/15/1980	Maiman	
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		US-4,603,487	08/05/1986	Matsunata	
		US-4,638,471	01/20/1987	van Rosmalen	
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		US-4,714,830	12/22/1987	Usui	
		US-4,731,855	03/15/1988	Suda et al.	
		US-4,774,768	10/04/1988	Chiponis	
		US-4,776,102	10/11/1988	Carroll	
		US-4,776,103	10/11/1988	Cote	
		US-4,821,157	04/11/1989	Birk et al.	
		US-4,825,394	04/25/1989	Beamish et al.	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO9112489	08/22/1991	ABOS AUTOMATION		
		WO9207250	04/30/1992	ABOS AUTOMATION		
		WO97/44634	11/27/1997	KOMATSU LTD.		X
		JP9304030(ABSTRACT)	11/28/1997	KOMATSU LTD.		X
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Sheet	2	of	5	Attorney Docket Number	60012US

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		Number - Kind Code <sup>2</sup> (if known)			
		US-4,849,743	07/18/1989	Ohno	
		US-4,886,958	12/12/1989	Merryman et al.	
		US-4,943,722	07/24/1990	Breton et al.	
		US-4,973,948	11/27/1990	Roberts	
		US-5,032,924	07/16/1991	Brown et al.	
		US-5,048,904	09/17/1991	Montagu	
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		US-5,163,232	11/17/1992	Gonzales, Jr. et al.	
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		US-5,204,734	04/20/1993	Cohen et al.	
		US-5,208,463	05/04/1993	Honma et al.	
		US-5,245,671	09/14/1993	Kobayashi et al.	
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		US- 5,355,221	10/11/1994	Cohen et al.	

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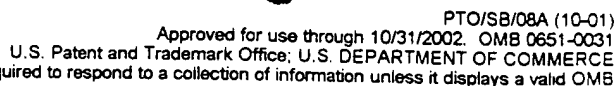
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP10104033(ABSTRACT)	04/24/1998	KOMATSU LTD.		X
		JP10221066(ABSTRACT)	08/21/1998	KOMATSU LTD.		X
		JP10227623(ABSTRACT)	08/25/1998	KOMATSU LTD.		X
		JP10232114	09/02/1998	KOMATSU LTD.		
		JP10267621(ABSTRACT)	10/09/1998	KOMATSU LTD.		X

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**Complete if Known**

Application Number

09/844626

**Filing Date**

4/27/2001

**First Named Inventor**

BEATY et al.

Art Unit

2877

**Examiner Name**

Attorney Docket Number

60012US

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		Number - Kind Code <sup>2</sup> (if known)			
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		US-5,692,070	11/25/1997	Kobayashi	
		US-5,734,475	03/31/1998	Pai	

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		<b>Group Art Unit</b>	2877		
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		BALLARD, BROWN, "Range Information From Geometry," <i>Computer Vision</i> , p.88-89, unknown date.	
		ICOS VISION SYSTEMS, NV, Brochure, undated, "BGA 2D Inspection System."	
		GONZALEZ, WINTZ, "Stereo Imaging," <i>Digital Image Processing</i> , pp. 52-54, circa 1987.	
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		SCHURR, "Basics of Stereoscopic Machine Vision for 3D Gauging," <i>International Robots &amp; Vision Automation Conference</i> , April 4-8, 1993, PP. 16/37-46.	
		HANDLICK(SP?), SHAPIRO, "Stereo," <i>Computer Robot</i> , pp. 156-159, circa 1993.	
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		CARACAPPA, "On improving BGA Reliability," <i>SMT</i> , pp.44-46, June, 1997.	
		KOMATSU, "CSP Inspection Machine," undated brochure available at Japan Semicon Conference in December 1997.	
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		ICOS VISION SYSTEMS, NV, Brochure, undated, "CI-8250 The Complete High-Speed Inspection System."	

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